

We claim:

1. A multi-probe device comprising:
  - a) one or more laser energy sources for generating two or more laser beams;
  - b) two or more probes from which the laser beams emit, each of the probes being capable of being retained in a hand of a user and freely moved relative to the surface of the skin of a patient; and
  - c) an optical arrangement attached to each probe for receiving the laser beams and for transforming each of the laser beams into a desired spot shape.
2. A device according to claim 1 wherein at least two of the laser beams are emitted simultaneously.
3. A device according to claim 1 further comprising one or more control circuits for independently controlling each of the generated laser beams.
4. A device according to claim 1 further comprising a control circuit for controlling the pulse width of each laser beam.
5. A device according to claim 4 wherein the pulse width of at least one of the laser beams is such that the laser light emitted is substantially continuous.
6. A device according to claim 4 further comprising a first laser beam having a first pulse width and a second laser beam having a second pulse width wherein the first pulse width and the second pulse width are different.
7. A device according to claim 4 further comprising a first laser beam having a first pulse width and a second laser beam having a second pulse width wherein the first pulse width and the second pulse width are the same.
8. A device according to claim 1 wherein each of the laser energy sources is less than one watt.
9. A device according to claim 1 wherein at least one of the laser energy sources is a semiconductor diode.
10. A device according to claim 1 further comprising a base.
11. A device according to claim 10 wherein at least one laser energy source is housed in the base.
12. A device according to claim 10 wherein the control circuit and laser energy sources are housed in the base.

13. A device according to claim 1 wherein at least one laser energy source generates a laser beam having a wavelength in the visible range.
14. A device according to claim 13 wherein the wavelength of the laser beam is in the red range of the visible spectrum.
15. A device according to claim 1 wherein at least one laser energy source generates a laser beam having a wavelength in the infrared range.
16. A device according to claim 1 wherein at least one laser energy source generates a laser beam having a wavelength in the ultraviolet range.
17. A device according to claim 1 wherein at least one of the spot shapes is substantially linear.
18. A device according to claim 1 wherein at least one of the spot shapes is substantially circular.
19. A device according to claim 1 wherein at least one of the spot shapes is substantially in the shape of a plus-sign.
20. A device according to claim 1 wherein at least one of the spot shapes is substantially elliptical.
21. A device according to claim 1 further comprising a first laser beam having a first spot shape and a second laser beam having a second spot shape wherein the first spot shape is different from the second spot shape.
22. A device according to claim 1 further comprising a first laser beam and a second laser beam having the same spot shape.
23. A therapeutic laser device comprising:
  - a) a first semiconductor diode laser energy source generating a first laser beam and a second semiconductor diode laser energy source generating a second laser beam;
  - b) a first probe from which the first laser beam emits, the first probe having an interior cavity and being capable of being retained in a hand of a user and freely moved relative to the surface of the skin of a patient;
  - c) an optical arrangement mounted in the interior cavity of the first probe for receiving the laser beams and for transforming each of the laser beams into a desired spot shape wherein the first laser beam's spot shape;

- d) a second probe from which the second laser beam emits, the second probe having an interior cavity and being capable of being retained in a hand of a user and freely moved relative to the surface of the skin of a patient;
  - e) an optical arrangement mounted in the interior cavity of the second probe for receiving the second laser beam and for transforming the second laser beam into a desired spot shape;
  - f) a control circuit for independently controlling each of the generated laser beams.
24. A device according to claim 23 further comprising a base.
25. A device according to claim 24 wherein the control circuit is housed in the base.
26. A device according to claim 23 wherein at least one laser energy source generates a laser beam having a wavelength in the visible range.
27. A device according to claim 26 wherein the wavelength of the laser beam is in the red range of the visible spectrum.
28. A device according to claim 23 wherein at least one laser energy source generates a laser beam having a wavelength in the infrared range.
29. A device according to claim 23 wherein at least one laser energy source generates a laser beam having a wavelength in the ultraviolet range.
30. A multi-probe device comprising:
- a) a base;
  - b) one or more laser energy sources housed in the base for generating two or more laser beams;
  - c) two or more probes from which the laser beams emit, each of the probes being capable of being retained in a hand of a user and freely moved relative to the surface of the skin of a patient; and
  - d) an optical arrangement attached to each probe for receiving the laser beams and for transforming each of the laser beams into a desired spot shape.
31. A device according to claim 30 wherein at least one laser energy source generates a laser beam having a wavelength in the visible range.
32. A device according to claim 30 wherein the wavelength of the laser beam is in the red range of the visible spectrum.

33. A device according to claim 30 wherein at least one laser energy source generates a laser beam having a wavelength in the infrared range.
34. A device according to claim 30 wherein at least one laser energy source generates a laser beam having a wavelength in the ultraviolet range.